

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 June 2005 (16.06.2005)

PCT

(10) International Publication Number
WO 2005/054352 A1

(51) International Patent Classification⁷: **C08K 3/34, 9/00**

(21) International Application Number:
PCT/EP2004/014512

(22) International Filing Date: 2 December 2004 (02.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0328236.5 5 December 2003 (05.12.2003) GB

(71) Applicant (for all designated States except US): **DOW CORNING CORPORATION** [US/US]; Midland, MI 48611 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PROCTOR, Michael, Gavin** [GB/GB]; Brooklands Lodge, Signifstone Lane, Llanmaes CF61 2XR (GB). **TAYLOR, Rosemary, Margaret** [GB/GB]; 49 Claude RD West, Barry, Vale of Glam CF62 7JE (GB).

(74) Agents: **DONLAN, Andrew, M. et al.**; Dow Corning Limited, Cardiff Road, Barry CF63 2YL (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **METHOD OF MAKING KAOLIN CONTAINING SILICONE RUBBER COMPOSITIONS**

(57) Abstract: A treated kaolin containing silicone rubber composition consisting essentially of an organopolysiloxane, treated kaolin, a curing agent; and optional additives selected from the group of one or more rheology modifiers, pigments, colouring agents, anti-adhesive agents, plasticizers, adhesion promoters, blowing agents, fire retardants and dessicants which composition is substantially free of reinforcing fillers. These finished kaolin containing silicone rubber compositions are useful in applications such as silicone profile extrusions, wire and cable coatings, glazing, and for construction gaskets.

WO 2005/054352 A1